

# SEQUENCE LISTING

<110> Genovoxx GmbH  
Cherkasov, Dmitry  
Hennig, Christian

<120> Macromolecular Nucleotide Compounds and Methods for Using the Same

<130> 076030-0011

<140> 10/578,313

<141> 2006-05-04

<150> PCT/EP04/012556

<151> 2004-11-05

<150> 103 56 837.9

<151> 2003-12-05

<150> 103 51 636.0

<151> 2003-11-05

<160> 11

<170> PatentIn version 3.4

<210> 1

<211> 20

<212> DNA

<213> Artificial

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<223> Primer, example 34A, modified on 5 prime-end by Cy3

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taatacgact cactataggg

20

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<212> DNA

<213> Artificial

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<223> Template, example 34A

<400> 2

agtttttagtt ttaccctata gtgagtcgta tta

33

<210> 3

<211> 35

<212> DNA

<213> Artificial

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<223> Primer, example 34B, modified at 5 prime -end by Cy3

<400> 3

tttttttttt tttttttttt tttttttttt ttttt

35

<210> 4

<211> 40

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide, modified at 5 prime -end by Cy3

<400> 4

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40

<210> 5

<211> 50

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide, example 34B, modified at 5 prime -end by Cy3

<400> 5

tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt

50

<210> 6

<211> 270

<212> DNA

<213> Artificial

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<223> Polynucleotide with an average length of 270 nucleotides, example 34B

<400> 6

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa

60

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa

120

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa

180

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa

240

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa

270

<210> 7

<211> 50

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide, example 34C, modified at 3 prime- end by biotin, attached via a TEG-linker

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa

50

<210> 8

<211> 35

<212> DNA

<213> Artificial

<220>

<223> Primer, example 35

<400> 8

tttttttttt tttttttttt tttttttttt ttttt

35

<210> 9

<211> 31

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide, example 39, modified at 3 prime- end by an amino-group, at 5 prime- end by Cy3

<400> 9

tttttttttt tttttttttt tttttttttt t

31

<210> 10

<211> 31

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide, example 30, modified at 3 prime- end by biotin, coupled via TEG-spacer

<400> 10

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31

<210> 11

<211> 30

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide, examples 27 and 32, modified at 3 prime- end by SH-group

<400> 11

tttttttttt tttttttttt tttttttttt

30